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DATE: Wednesday, May 04, 2005

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☐	L1	AS1051 and ($4thrombo$4| (glycoprotein same platelet?))	6

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20040229288 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 6 File: PGPB Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040229288
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040229288 A1

TITLE: Substance with antithrombotic activity and method for detecting glycokallidin

PUBLICATION-DATE: November 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fukuchi, Naoyuki	Kawasaki-shi		JP	
Futaki, Fumie	Kawasaki-shi		JP	
Kito, Morikazu	Kawasaki-shi		JP	
Sato, Seiichi	Kawasaki-shi		JP	
Kajiura, Takayuki	Kawasaki-shi		JP	
Ono, Yukitsugu	Kawasaki-shi		JP	
Ishii, Koichi	Kawasaki-shi		JP	
Tanaka, Akiko	Kawasaki-shi		JP	
Shinozaki, Junko	Kawasaki-shi		JP	
Jojima, Yasuko	Kawasaki-shi		JP	

US-CL-CURRENT: 435/7.1; 514/8

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 20040161822 A1

L1: Entry 2 of 6 File: PGPB Aug 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040161822
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040161822 A1

TITLE: Protein having antithrombotic activity and method for producing the same

PUBLICATION-DATE: August 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fukuchi, Naoyuki	Kawasaki-shi		JP	
Kito, Morikazu	Kawasaki-shi		JP	
Kayahara, Takashi	Kawasaki-shi		JP	
Futaki, Fumie	Kawasaki-shi		JP	
Ishikawa, Kohki	Kawasaki-shi		JP	
Suzuki, Eiichiro	Kawasaki-shi		JP	
Gondoh, Keiko	Kawasaki-shi		JP	
Shimba, Nobuhisa	Kawasaki-shi		JP	
Yamada, Naoyuki	Kawasaki-shi		JP	

US-CL-CURRENT: 435/69.1; 435/226, 435/320.1, 435/325, 536/23.2

ABSTRACT:

A method for producing a protein having an antithrombotic activity, which comprises replacing, in a protein that has an amino acid sequence having a homology of not.less than 30% to the amino acid sequence of SEQ ID NO: 1 and forms a higher order structure composed of a first .beta. strand (.beta.1), a first a helix (.alpha.1), a second .alpha. helix (.alpha.2), a second .beta. strand (.beta.2), a loop, a third .beta. strand (.beta.3), a fourth .beta. strand (.beta.4) and a fifth .beta. strand (.beta.5) in this order from the amino terminus, at least one amino acid residue in a region from .alpha.2 to .beta.2 and/or a region from .beta.3 to .beta.4 so that electric charge of the amino acid residue is changed towards positive direction.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 3. Document ID: US 20020198363 A1

L1: Entry 3 of 6 File: PGPB Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198363
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020198363 A1

TITLE: Protein having antithrombotic activity and method for producing the same

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fukuchi, Naoyuki	Kawasaki-shi		JP	
Kito, Morikazu	Kawasaki-shi		JP	
Kayahara, Takashi	Kawasaki-shi		JP	
Futaki, Fumie	Kawasaki-shi		JP	
Ishikawa, Kohki	Kawasaki-shi		JP	
Suzuki, Eiichiro	Kawasaki-shi		JP	
Gondoh, Keiko	Kawasaki-shi		JP	

Shimba, Nobuhisa	Kawasaki-shi	JP
Yamada, Naoyuki	Kawasaki-shi	JP

US-CL-CURRENT: 530/350; 435/69.1

ABSTRACT:

A method for producing a protein having an antithrombotic activity, which comprises replacing, in a protein that has an amino acid sequence having a homology of not less than 30% to the amino acid sequence of SEQ ID NO: 1 and forms a higher order structure composed of a first .beta. strand (.beta.1), a first .alpha. helix (.alpha.1), a second .alpha. helix (.alpha.2), a second .beta. strand (.beta.2), a loop, a third .beta. strand (.beta.3), a fourth .beta. strand (.beta.4) and a fifth .beta. strand (.beta.5) in this order from the amino terminus, at least one amino acid residue in a region from .alpha.2 to .beta.2 and/or a region from .beta.3 to .beta.4 so that electric charge of the amino acid residue is changed towards positive direction.

☐ 4. Document ID: US 6878811 B1

L1: Entry 4 of 6 File: USPT Apr 12, 2005

US-PAT-NO: 6878811
DOCUMENT-IDENTIFIER: US 6878811 B1

TITLE: Substance with antithrombotic activity and method for detecting glycokallidin

DATE-ISSUED: April 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fukuchi; Naoyuki	Kawasaki			JP
Futaki; Fumie	Kawasaki			JP
Kito; Morikazu	Kawasaki			JP
Ishii; Koichi	Kawasaki			JP
Tanaka; Akiko	Kawasaki			JP

US-CL-CURRENT: 530/387.3; 435/69.1, 435/69.6, 435/7.1, 435/7.21, 435/7.8, 435/7.92, 436/172, 436/501, 436/506, 436/507, 436/513, 436/517, 436/519, 436/520, 436/544, 436/545, 436/546, 530/383, 530/385, 530/388.1, 530/388.2

ABSTRACT:

A method for conveniently detecting binding between the von Willebrand factor and glycoprotein Ib and a means to be used therein. The von Willebrand factor fixed in a reactor immobilized in a reaction vessel in the presence of bottrocetin is bound to a chimeric protein constructed by fusing the carboxyl terminal of a partial protein containing the von Willebrand factor-binding site of glycoprotein Ib with the amino terminal of the Fc region of an immunoglobulin molecule. Then the Fc

region of the above immunoglobulin molecule is detected to thereby detect the binding between the von Willebrand factor and the glycoprotein Ib or inhibition of this binding.

14 Claims, 12 Drawing figures
Exemplary Claim Number: 7
Number of Drawing Sheets: 8

☐ 5. Document ID: US 6710031 B2

L1: Entry 5 of 6 File: USPT Mar 23, 2004

US-PAT-NO: 6710031
DOCUMENT-IDENTIFIER: US 6710031 B2

TITLE: Protein having antithrombotic activity and method for producing the same

DATE-ISSUED: March 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fukuchi; Naoyuki	Kawasaki			JP
Kito; Morikazu	Kawasaki			JP
Kayahara; Takashi	Kawasaki			JP
Futaki; Fumie	Kawasaki			JP
Ishikawa; Kohki	Kawasaki			JP
Suzuki; Eiichiro	Kawasaki			JP
Gondoh; Keiko	Kawasaki			JP
Shimba; Nobuhisa	Kawasaki			JP
Yamada; Naoyuki	Kawasaki			JP

US-CL-CURRENT: 514/12; 424/94.64, 435/13, 530/350, 530/402

ABSTRACT:

A method for producing a protein having an antithrombotic activity, which comprises replacing, in a protein that has an amino acid sequence having a homology of not less than 30% to the amino acid sequence of SEQ ID NO: 1 and forms a higher order structure composed of a first .beta. strand (.beta.1), a first .alpha. helix (.alpha.1), a second .alpha. helix (.alpha.2), a second .beta. strand (.beta.2), a loop, a third .beta. strand (.beta.3), a fourth .beta. strand (.beta.4) and a fifth .beta. strand (.beta.5) in this order from the amino terminus, at least one amino acid residue in a region from .alpha.2 to .beta.2 and/or a region from .beta.3 to .beta.4 so that electric charge of the amino acid residue is changed towards positive direction.

19 Claims, 15 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 9

☐ 6. Document ID: US 5856126 A

L1: Entry 6 of 6 File: USPT Jan 5, 1999

US-PAT-NO: 5856126
DOCUMENT-IDENTIFIER: US 5856126 A

TITLE: Peptide having anti-thrombus activity and method of producing the same

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fukuchi; Naoyuki	Kawasaki			JP
Yamamoto; Hiroshi	Kawasaki			JP
Nagano; Mitsuyo	Kawasaki			JP
Kito; Morikazu	Kawasaki			JP
Tanaka; Akiko	Kawasaki			JP
Ishii; Koichi	Kawasaki			JP
Kobayashi; Tsuyoshi	Kawasaki			JP
Yoshimoto; Ryota	Kawasaki			JP

US-CL-CURRENT: 435/69.1; 435/440, 514/12, 514/822, 530/350, 530/402, 530/856, 536/23.5

ABSTRACT:

A multimer peptide from a snake venom has an activity to inhibit binding between von Willebrand factor and platelets. The multimer peptide is used to obtain a single strand peptide which does not substantially cause decrease in platelets at a minimum dose for exhibiting the activity in vivo. The single strand peptide is obtained by allowing the multimer peptide to exist together with a protein-denaturing agent, and glutathione and/or cysteine, and thereby disconnecting disulfide bonds between peptide chains for constituting the multimer peptide while substantially preserving disulfide bonds within the peptide chains. Alternatively, the single strand peptide, a mutant thereof, or a part thereof is produced by genetic engineering techniques by using genes coding for them.

26 Claims, 30 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 25

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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Term	Documents
AS1051	6
AS1051S	0
GLYCOPROTEIN	31369
GLYCOPROTEINS	20193
$4THROMBO$4	0
THROMBO	62
PRETHROMBOTIC	2
RETHROMBOSIS	31
AMTITHROMBOTIC	1
ANTITHROMBODC	1
ANTITHROMBOTIIC	1
(AS1051 AND ($4THROMBO$4| (GLYCOPROTEIN SAME PLATELET?))).PGPB,USPT,USOC.	6

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